

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	141	nagpaul.xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 14:57
L2	17	nagpaul.xp.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 14:57
L3	7	"03040697"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 15:02
L4	2	"20040253662"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 15:02
L5	107	(porphyrin near4 dye) and lumin\$8 and respiratory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:00
L6	9489	(dye) and lumin\$8 and respiratory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:02
L7	4244	6 and source and radiation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:02

L8	1028	7 and transducer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:03
L9	1570	(dye) and fluores\$5 and respiratory and source and radiation and transducer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:05
L10	58	9 and (oxygen near4 diffu \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:06
L11	2329	fluores\$5 and respiratory and source and radiation and transducer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:16
L12	107	11 and (oxygen near4 diffu \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:16
L13	320	11 and (permeable near4 membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:16
L14	284	13 and oxygen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:17
L15	98	"4914720"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/21 16:19
S1	0	"20040013570"	USPAT	OR	OFF	2007/12/13 13:54

S2	2	"20040013570"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/16 16:27
S3	20	"6402698"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/16 16:27
S4	125	( "2630798"   "2826912"   "2831348"   "2838399"   "2869357"   "2911825"   "2920012"   "3212684"   "3220255"   "3250270"   "3523529"   "3681197"   "3726270"   "3799149"   "3814091"   "3834375"   "3895630"   "3938551"   "3962917"   "3979480"   "4051847"   "4078554"   "4186735"   "4188946"   "4197857"   "4200094"   "4211239"   "4221224"   "4230108"   "4341867"   "4359057"   "4368740"   "4386604"   "4425805"   "4440177"   "4444201"   "4463764"   "4572208"   "4598700"   "4608995"   "4619269"   "4648396"   "4658832"   "4753245"   "4756670"   "4781184"   "4796639"   "4850371"   "4856531"   "4909259"   "4914959"   "4917108"   "4955946"   "4986268"   "4998018"   "5022406"   "5038773"   "5038792"   "5040541"   "5042500"   "5042501"   "5060506"   "5060655"   "5060656"   "5069220"   "5072737"   "5081871"   "5095900"   "5095913"   "5117674"   "5119825"   "5178155"   "5179958"   "5214966"   "5233996"   "5282473"   "5285794"   "5293875"   "5299579"   "5303712"   "5309921"   "5326973"   "5355879"   "5357972"   "5363857"   "5398695"   "5402796"   "5419326"   "5425374"   "5450193"   )	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 16:46

		"5468961"   "5503151"   "5570697"   "5632281"   "5645071"   "5647370"   "5676132"   "5705735"   "5754288"   "5789660"   "5796009"   "5800360"   "5816246"   "5831175"   "5834626"   "5836300"   "5922610"   "5932812"   "6010459"   "6044843"   "6162180"   "6174289"   "6302851").PN.				
S5	3	("4485822"   "4549553"   "4648396").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 17:20
S6	35	("5095900").URPN.	USPAT	OR	ON	2007/07/16 17:21
S7	18	("5445160").URPN.	USPAT	OR	ON	2007/07/16 17:27
S8	13	("4322621"   "4549553"   "4914720"   "4998018"   "5067492"   "5095913"   "5159934"   "5282473"   "5445160"   "5789660"   "5957127"   "5973326"   "6044843").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 17:34
S9	8	("6190327").URPN.	USPAT	OR	ON	2007/07/16 17:39
S10	0	"60073812"	USPAT	OR	ON	2007/07/16 17:40
S11	4	"60073812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 17:40
S12	75	("5450193").URPN.	USPAT	OR	ON	2007/07/16 17:46
S13	10	600/529 and lumines\$4 and detector and light	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 18:41
S14	46	nagpaul.xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 18:41

S15	2	"20050047972"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 17:07
S16	2629	(seal near5 container) and pierce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 17:07
S17	889	S16 and (needle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 17:07
S18	100	S17 and "422"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 17:09
S19	21	S18 and capillary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 17:09
S20	8	("3277894"   "3647386"   "3771965"   "3941171"   "4256120"   "4256693"   "4296786").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 17:10
S21	53	"4340390"	USPAT	OR	OFF	2007/12/13 13:54
S22	2	"20050047972"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 13:46
S23	28	"0249507"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 13:46
S24	17	"249507"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 13:46

S25	41	stiene.in. and matthias.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 13:52
S26	2	stiene.in. and skin and patch and microneedle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 13:53
S27	5	("2004/0096959").URPN.	USPAT	OR	ON	2007/12/17 13:54
S28	44	"249507"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 13:43
S29	4489	(hydrophilic near2 well)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 13:49
S30	15	((hydrophilic near2 well) near3 droplet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 13:50
S31	9	((hydrophilic near2 coating) near6 well) same droplet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 13:52
S32	26	((hydrophilic near2 coating) same (cross near4 contamination))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 13:53
S33	2	"20050047972"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 14:46

S34	781	"4908112"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 14:49
S35	658	S34 and Pace	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 14:50
S36	2	S34 and Pace.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 14:50
S37	184	"5632876"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 14:51
S38	585	("4908112").URPN.	USPAT	OR	ON	2008/07/15 14:54
S39	279	S38 and (strip or porous or wick\$4)	USPAT	OR	ON	2008/07/15 14:55
S40	182	S39 and electroosmo\$4	USPAT	OR	ON	2008/07/15 14:56
S41	140	S40 and (cover or laminate)	USPAT	OR	ON	2008/07/15 14:56
S42	8	S41 and (air near4 (gap or vent))	USPAT	OR	ON	2008/07/15 15:13
S43	58	("5282473").URPN.	USPAT	OR	ON	2010/10/19 14:05
S44	13	("4322621"   "4549553"   "4914720"   "4998018"   "5067492"   "5095913"   "5159934"   "5282473"   "5445160"   "5789660"   "5957127"   "5973326"   "6044843").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:06
S45	10	("3727050"   "3987303"   "4287750"   "4581942"   "4648396"   "4662360"   "4727886"   "4772790"   "4810924"   "4811327"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:09
S46	14	("3987303").URPN.	USPAT	OR	ON	2010/10/19 14:10

S47	29	("2739360"   "3641332"   "3727050"   "3987303"   "4287750"   "4467073"   "4581942"   "4633559"   "4648396"   "4662369"   "4727886"   "4772790"   "4810924"   "4811327"   "4821737"   "4823457"   "4914720"   "4944294"   "4958075"   "4998018"   "5018957"   "5067492"   "5081998"   "5095900"   "5095913"   "5237984"   "5846650"   "5957127"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:14
S48	70	("3641332").URPN.	USPAT	OR	ON	2010/10/19 14:15
S49	14	("3987303").URPN.	USPAT	OR	ON	2010/10/19 14:27
S50	35	("5060505").URPN.	USPAT	OR	ON	2010/10/19 14:29
S51	23	("3476934"   "3562522"   "3749495"   "4013260"   "4063094"   "4160373"   "4336453"   "4393304"   "4514635"   "4560873"   "4687934"   "4711571"   "4902896"   "4922714"   "5060505"   "5099680"   "5147426"   "5239860"   "5255072"   "5262645"   "5340986"   "5341642"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:30
S52	0	S51 and lumi\$5	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:30
S53	0	S50 and lumi\$5	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:31
S54	2	S50 and lumi\$10	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:31
S55	1	S51 and lumi\$10	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:31
S56	244556	"18" and lumi\$10	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:31
S57	6	S48 and lumi\$10	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 14:32
S58	3	("4485822"   "4549553"   "4648396").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 15:17
S59	39	("5095900").URPN.	USPAT	OR	ON	2010/10/19 15:17



S60	125	("2630798"	"2826912"	US-PGPUB;	OR	ON	2010/10/19
		"2831348"	"2838399"	USPAT; USOCR			15:21
		"2869357"	"2911825"				
		"2920012"	"3212684"				
		"3220255"	"3250270"				
		"3523529"	"3681197"				
		"3726270"	"3799149"				
		"3814091"	"3834375"				
		"3895630"	"3938551"				
		"3962917"	"3979480"				
		"4051847"	"4078554"				
		"4186735"	"4188946"				
		"4197857"	"4200094"				
		"4211239"	"4221224"				
		"4230108"	"4341867"				
		"4359057"	"4368740"				
		"4386604"	"4425805"				
		"4440177"	"4444201"				
		"4463764"	"4572208"				
		"4598700"	"4608995"				
		"4619269"	"4648396"				
		"4658832"	"4753245"				
		"4756670"	"4781184"				
		"4796639"	"4850371"				
		"4856531"	"4909259"				
		"4914959"	"4917108"				
		"4955946"	"4986268"				
		"4998018"	"5022406"				
		"5038773"	"5038792"				
		"5040541"	"5042500"				
		"5042501"	"5060506"				
		"5060655"	"5060656"				
		"5069220"	"5072737"				
		"5081871"	"5095900"				
		"5095913"	"5117674"				
		"5119825"	"5178155"				
		"5179958"	"5214966"				
		"5233996"	"5282473"				
		"5285794"	"5293875"				
		"5299579"	"5303712"				
		"5309921"	"5326973"				
		"5355879"	"5357972"				
		"5363857"	"5398695"				
		"5402796"	"5419326"				
		"5425374"	"5450193"				
		"5468961"	"5503151"				
		"5570697"	"5632281"				
		"5645071"	"5647370"				
		"5676132"	"5705735"				
		"5754288"	"5789660"				
		"5796009"	"5800360"				
		"5816246"	"5831175"				
		"5834626"	"5836300"				
		"5922610"	"5932812"				
		"6010459"	"6044843"				
		"6162180"	"6174289"				
		"6302851")	.PN.				

S61	13	("4322621"   "4549553"   "4914720"   "4998018"   "5067492"   "5095913"   "5159934"   "5282473"   "5445160"   "5789660"   "5957127"   "5973326"   "6044843").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 15:28
S62	2	("5789660"   "5807636").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 15:30
S63	5385	"128"/\$ and transducer and tube and source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 16:11
S64	1873	S63 and detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 16:11
S65	711	S64 and radiation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 16:11
S67	1159464	penetrable cap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 17:09
S68	72	(penetrable near3 cap) and "422"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 17:10
S69	5385	"128"/\$ and transducer and tube and source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 17:30
S70	1873	S69 and detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 17:30

S71	711	S70 and radiation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 17:30
S72	248	S71 and oxygen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 17:30
S73	115	S71 and oxygen and respiratory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 17:33
S74	1649	transducer and tube and source and detector and radiation and respiratory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:12
S75	604	transducer and tube and source and detector and radiation and respiratory and infrared	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:12
S76	54	("2484217"   "2706409"   "3410264"   "3449954"   "3581565"   "3590473"   "3635756"   "3663833"   "3726271"   "3752171"   "3889536"   "3910113"   "3937082"   "3981193"   "4036054"   "4047521"   "4083245"   "4154100"   "4163390"   "4170134"   "4345463"   "4346584"   "4372170"   "4403514"   "4476707"   "4481829"   "4546655"   "4581942"   "4581945"   "4823615"   "4859858"   "4859859"   "4914720"   "4920808"   "4957007"   "4958075"   "4989456"   "5026255"   "5038773"   "5088332"   "5111827"   "5137026"   "5153436"   "5251121"   "5347843"   "5379650"   "5443075"   "5503151"   "5535633"   "5763792"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 18:30

S77	24	("2737591"   "3004664"   "3287556"   "3306156"   "3539804"   "3806727"   "3811776"   "3821553"   "3822098"   "3860344"   "3916195"   "4320297"   "4394575"   "4410273"   "4468561"   "4536090"   "4594968"   "5041723"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 18:35
S78	87	("2950237"   "3429667"   "3612866"   "3725658"   "3734691"   "3734862"   "3830222"   "4003707"   "4223226"   "4245507"   "4272485"   "4321057"   "4399099"   "4437772"   "4476870"   "4542987"   "4568518"   "4587101"   "4608344"   "4652143"   "4657736"   "4682895"   "4730112"   "4750837"   "4752115"   "4775514"   "4810655"   "4822899"   "4849172"   "4861727"   "4892383"   "4892941"   "4895156"   "4914720"   "4919891"   "4954318"   "4968632"   "4973718"   "5012809"   "5030420"   "5034189"   "5043286"   "5045282"   "5047350"   "5061076"   "5081041"   "5094959"   "5098659"   "5127077"   "5128102"   "5152287"   "5173432"   "5188108"   "5194391"   "5233194"   "5234835"   "5242835"   "5244810"   "5252494"   "5262192"   "5285783"   "5285784"   "5308581"   "5308771"   "5326585"   "5344810"   "5445160"   "5511547"   "5517313"   "5670097"   "5718842"   "5789660"   "5804048"   "5830138"   "5910661"   "5931161"   "5997818"   "6015715"   "6095986"   "6190327"   "Re31832"   "Re31879"   "Re33064").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 18:38
S79	16	S78 and porphyrin	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 18:40

S80	9	("3612866"   "3619061"   "4399099"   "4476870"   "4542987"   "4576173"   "4592361"   "4810655"   "Re31879").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 18:43
S81	104	S75 and porphyrin	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 18:43
S82	88	("2950237"   "3429667"   "3612866"   "3725658"   "3734691"   "3734862"   "3830222"   "4003707"   "4223226"   "4245507"   "4272485"   "4321057"   "4399099"   "4437772"   "4476870"   "4542987"   "4568518"   "4587101"   "4608344"   "4652143"   "4657736"   "4682895"   "4730112"   "4750837"   "4752115"   "4775514"   "4810655"   "4822899"   "4849172"   "4861727"   "4892383"   "4892941"   "4895156"   "4914720"   "4919891"   "4954318"   "4968632"   "4973718"   "5012809"   "5030420"   "5034189"   "5043286"   "5045282"   "5047350"   "5061076"   "5081041"   "5094959"   "5098659"   "5127077"   "5128102"   "5152287"   "5173432"   "5188108"   "5194391"   "5233194"   "5234835"   "5242835"   "5244810"   "5252494"   "5262192"   "5285783"   "5285784"   "5308581"   "5308771"   "5326585"   "5344810"   "5445160"   "5511547"   "5517313"   "5670097"   "5718842"   "5789660"   "5804048"   "5830138"   "5910661"   "5931161"   "5997818"   "6015715"   "6095986"   "6190327"   "6402698"   "RE31832"   "RE31879"   "RE33064"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 19:00
S83	5	("2907882"   "3776761"   "4003707"   "4409277"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/19 19:09
S84	45	("4587101").URPN.	USPAT	OR	ON	2010/10/19 19:09

S85	4	("3734691"   "3754867"   "3830222").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/20 13:39
S86	106	("4003707").URPN.	USPAT	OR	ON	2010/10/20 13:39

**EAST Search History (Interference)**

< This search history is empty >

**10/ 21/ 2010 4:54:43 PM**

**C:\ Documents and Settings\ jnagpaul\ My Documents\ EAST\ Workspaces\ 09841363\ 09841363.  
wsp**